

Claims

1. A holding and dispensing apparatus for use with a pack, the holding and dispensing apparatus comprising a holding device for holding the pack and a dispensing device for dispensing beverage from the pack.
2. The holding and dispensing apparatus according to claim 1 wherein the holding device includes a clamp for clamping the pack and a handle attached to the clamp.
3. The holding and dispensing apparatus according to claim 2 wherein the clamp includes a first jaw for contact with the top of the pack and a second jaw for contact with the bottom of the pack.
4. The holding and dispensing apparatus according to claim 3 wherein the clamp includes a plate extending from the second jaw in order to support the handle.
5. The holding and dispensing apparatus according to claim 4 wherein the first jaw is connected with the second jaw so that a distance between them is adjustable.
6. The holding and dispensing apparatus according to claim 5 wherein the clamp includes a telescopic device for connection the first jaw with the second jaw.
7. The holding and dispensing apparatus according to claim 6 wherein the telescopic device includes a column extending from the first jaw and two rods extending into the column from the second jaw.
8. The holding and dispensing apparatus according to claim 7 wherein the telescopic device includes two springs each mounted on related one of the rods.
9. The holding and dispensing apparatus according to claim 7 wherein

1 the telescopic device includes a base attached to the second jaw and
2 the rods extend from the base.

3 10. The holding and dispensing apparatus according to claim 7 including
4 a locking device for locking the column to the plate.

5 11. The holding and dispensing apparatus according to claim 10 wherein
6 the locking device includes a series of teeth formed on the column
7 and a tongue movably mounted on the plate for engagement with one
8 of the teeth.

9 12. The holding and dispensing apparatus according to claim 11 wherein
10 the locking device includes a switch operatively connected with the
11 tongue.

12 13. The holding and dispensing apparatus according to claim 12 wherein
13 the locking device includes a spring for biasing the tongue against the
14 plate.

15 14. The holding and dispensing apparatus according to claim 13 wherein
16 the handle receives the spring and the tongue.

17 15. The holding and dispensing apparatus according to claim 14 wherein
18 the handle includes a first portion formed on the plate and a second
19 portion engaged with the first portion.

20 16. The holding and dispensing apparatus according to claim 3 wherein
21 the first jaw includes two restraints formed thereon for restraining the
22 pack.

23 17. The holding and dispensing apparatus according to claim 3 wherein
24 the second jaw includes a restraint formed thereon for restraining the
25 pack.

26 18. The holding and dispensing apparatus according to claim 9 wherein

1 the base includes a restraint for restraining the pack.

2 19. The holding and dispensing apparatus according to claim 3 wherein
3 the dispensing device includes a first piercing element attached to the
4 first jaw for piercing a first aperture in the top of the pack and a
5 second piercing element for piecing a second aperture in the top of the
6 pack so that the beverage is poured from the pack through the first
7 aperture, and that air pressure outside and inside the pack is balanced
8 because of the second aperture.

9 20. The holding and dispensing apparatus according to claim 19 wherein
10 the first jaw includes an aperture for receiving the first piercing
11 element and a second aperture for receiving the second piercing
12 element.

13 21. The holding and dispensing apparatus according to claim 20 wherein
14 the first jaw includes a shield formed thereon for concealing the first
15 piercing element.

16 22. The holding and dispensing apparatus according to claim 19 including
17 a cover mounted on the first jaw covering the first piercing element
18 and the second piercing element.

19 23. The holding and dispensing apparatus according to claim 22 wherein
20 the cover is pivotally connected with the first jaw.

21 24. The holding and dispensing apparatus according to claim 23 wherein
22 the first jaw includes two pivots formed thereon, and the cover
23 includes two clips for clamping the pivots so as to pivotally connect
24 the cover with the first jaw.

25 25. The holding and dispensing apparatus according to claim 22 including
26 a first seal attached to the cover in order to seal the first piercing

1 element and second seal attached to the cover in order to seal the
2 second piercing element.

3 26. The holding and dispensing apparatus according to claim 23 wherein
4 the cover includes an extension that extends beyond the first jaw
5 when the cover is put on the first jaw so that the cover can easily be
6 lifted via manipulating the extension.

7 27. The holding and dispensing apparatus according to claim 23 including
8 a locking device for locking the cover to the first jaw.

9 28. The holding and dispensing apparatus according to claim 27 wherein
10 the cover defines a window about which an edge is formed, and the
11 locking device includes a lever pivotally mounted on the first jaw, a
12 hook for hooking the edge, and a press portion extending beyond the
13 cover.

14 29. The holding and dispensing apparatus according to claim 28 wherein
15 the first jaw includes a slot for receiving the lever and a pivot
16 extending across the slot, and the locking device includes a clip
17 extending from the lever for clamping the pivot so as to pivotally
18 mount the lever on the first jaw.

19 30. The holding and dispensing apparatus according to claim 28 wherein
20 the locking device includes a torque spring arranged between the first
21 jaw and the lever.

22 31. The holding and dispensing apparatus according to claim 27 including
23 a snap opening device for snap opening the cover.

24 32. The holding and dispensing apparatus according to claim 31 wherein
25 the snap opening device includes a spring attached to the first jaw for
26 biasing the cover.

1 33. The holding and dispensing apparatus according to claim 32 wherein
2 the snap opening device includes a sheath mounted on the spring in
3 order to contact the cover.
4
5